

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A method for displaying information of data, to be deleted, in a digital video recorder, comprising:

reading management information of data to be deleted from a storage medium during in accordance with a data overwriting operation that occurs during a recording operation performed by the digital video recorder; and

displaying the read management information.

2. (Original) The method of claim 1, wherein the read management information is displayed in the form of an on-screen display (OSD) image.

3. (Original) The method of claim 2, wherein the OSD image includes a recording date and time for a file of the data to be deleted in accordance with the data overwriting operation, and a mark identifying a position of the data file to be deleted.

4. (Original) The method of claim 3, wherein the OSD image includes a mark identifying a position of video image data being currently recorded in the recording operation.

5. (Currently Amended) The method of claim 1, wherein the recording operation comprises:

processing a video image picked up by at least one monitoring camera;
detecting a variation in the video image to determine whether a particular event has occurred; and
recording data of the video image on the ~~a main~~ storage medium of the digital video recorder when the variation is detected.

6. (Currently Amended) The method of claim 5, wherein the data overwriting operation is executed in a sequential manner, starting from a position at which the oldest one of the data recorded on the ~~main~~ storage medium is recorded, and wherein the data overwriting operation is executed when there is substantially no spare space on the ~~main~~ storage medium for additional recording data.

7. (Original) The method of claim 1, wherein the management information includes recording date information or recording time information of a file of the data to be deleted.

8. (Currently Amended) The method of claim 7, wherein the management information is information of the data file recorded on the ~~main~~ storage medium at a position spaced apart by a predetermined distance from a current recording position of the ~~main~~ storage medium.

9. (Currently Amended) The method of claim 8, wherein the predetermined distance ~~corresponds to a distance between the current recording position and the management information read position~~ is determined by at least one of a control signal, ~~a predetermined distance~~ and a selection made by a user.

10. (Currently Amended) The method of claim 7, wherein the management information is information of the data file recorded on the ~~main~~ storage medium separated by a predetermined amount of data from a current recording position of the ~~main~~ storage medium.

11. (Currently Amended) The method of claim 1, further comprising backing up a file of the data[[,]] to be deleted[[,]] on a backup recording medium.

12. (Original) The method of claim 11, wherein the backup recording medium is external to the digital video recorder.

13. (Currently Amended) The method of claim 11, wherein the data backup is executed for a subset of the data files to be deleted.

14. (Currently Amended) The method of claim 11, wherein an on-screen display (OSD) image includes a backup option button for selecting a backup operation for the data file to be deleted.

15. (Currently Amended) A digital video recorder, comprising:

means for reading management information of data to be deleted from a storage medium of the digital video recorder during in accordance with a data overwriting operation that occurs during a recording operation performed by the digital video recorder; and

means for displaying the read management information.

16. (Currently Amended) The digital video recorder of claim 15, wherein the reading

means reads management information that includes recording date information or recording time information of a file of the data to be deleted, ~~wherein the management information is information of the data file recorded on the main storage medium at a position spaced apart from a current recording position of the main storage medium by a predetermined distance or separated from the current recording position of the main storage medium by a predetermined amount of data.~~

17. (Currently Amended) The digital video recorder of claim 16, further

comprising[[:]] means for storing the file of the data to be deleted[[:]] on a backup recording medium.

18. (Currently Amended) The digital video recorder of claim 15 [[17]], wherein the

means for displaying comprises an on-screen display (OSD), and wherein an OSD image includes a recording date and time for the file of the data to be deleted in accordance with the data overwriting operation, ~~and a mark identifying the position of the data file to be deleted, wherein the OSD image includes a mark identifying the position of video image data being~~

~~currently recorded in the recording operation, and wherein the OSD image includes a backup option button for selecting a backup operation for the data file to be deleted.~~

19. (Currently Amended) A method of operating a digital video recorder, comprising:

recording current data from at least one of a plurality of sensors;

storing the current recorded data to a first location of a storage device of the digital video recorder;

reading management data of a file to be deleted from the storage device responsive to as part of a data overwrite operation;

displaying the read ~~data~~ management data ~~information~~ to a user; and

~~selectively~~ storing the file to be deleted to an additional storage device in a backup operation when so requested by the user in accordance with an operation by the user responsive to the displayed read management data.

20. (Currently Amended) The method of claim 19, wherein the ~~additional storage device is external to the digital video recorder, and wherein the~~ management data is read from a data file to be deleted that is recorded on the storage device at a position separated from the current first recording position of the main storage medium by a predetermined amount of data.

21. (New) The digital video recorder of claim 15, wherein the reading means reads management information of a data file that is recorded on the storage medium of the digital video recorder at a position spaced apart from a current recording position of the storage medium by a predetermined distance or data amount.

22. (New) The digital video recorder of claim 18, wherein the OSD image further includes a mark identifying the position of the data file to be deleted and a mark identifying the position of the data currently being recorded on the storage medium.

23. (New) The digital video recorder of claim 17, wherein the displaying means comprises an on-screen display (OSD), and wherein an OSD image includes a back-up option button for selecting a backup operation for the data file to be deleted.